



BORNE CHEMICAL CO.

SAMPLING PLAN FOR TANK FARM

Figure 1 provides the location of the tanks. Most tanks appear to be open or vented or to have the porthole cracked. Those tanks which have closed portholes and are not vented, however, should be approached with extreme caution. Portholes should be opened carefully to minimize sparking. Borne Chemical Co. should develop a safety plan for its sampling team.

The fourteen tanks shown in Figure 2 should be sampled as follows:

- a) Determine the presence or absence of liquid using a high powered flashlight through the porthole. Take soundings to determine the height of the materials in the tank using a weighted rope marked in one foot sections.
- b) After determining the depth of materials take three samples: one shallow, one near the middle of the liquid and one near the bottom using a bomb sampler. Do not composite the samples from each tank. Sample all tanks including tanks with only sludge remaining. It is not necessary to clean the bomb sampler between depths but between tanks it must be cleaned with methylene chloride. The used methylene chloride must be drummed. Samples will be placed in eight-ounce glass jars with Teflon-lined tops which have been detergent and solvent washed. The remainder of the liquid in the sampler can be drummed or returned to the tank.

Tanks #24 and #34 are empty (per John Czapor). Tank #46 appeared empty from the bridge but should be sampled for sludge if any exists.

SCHEDULE OF ACTIVITIES AT BORNE CHEMICAL CO. SINCE 8/81

Date	Activity
8/3/81	FIT preliminary site inspection. Delay in sampling recommended until colder weather.
12/1/81	FIT begins preliminary planning and meetings for tank sampling. EPA tells FIT to put sampling plans on hold.
1/25/82	FIT activity stopped by John Czapor due to Criminal Justice Department involvement.
1/82	Valley Forge Engineering samples tanks #22, #27, #29, #32, #33, and #42. Samples split between NJDEP and Borne.
2/82	Discrepancies in PCB levels from two laboratories are found. NJDEP reports 1300 ppm; Borne analyses reports 10 ppm.
3/82	Discrepancies resolved by EPA Chemist. Permission to broker tanks given to Borne Chemical. Flash points of tanks sampled in January found to be 180°F.
3/31/82	FIT surveys portholes from Chessie System Railroad bridge.
4/22/82	Hazleton Oil Co., Pennsylvania begins removal of materials from tanks #22, 29, 33 and 42. material from tank #27 will be removed to Dupont.
4/26/82	Local residents express concern over stored drums at site to Elizabeth Environmental Protection Department.
5/-/82	State of Pennsylvania Department of Environmental Protection wants tanks retested before oil is manifested to their state.

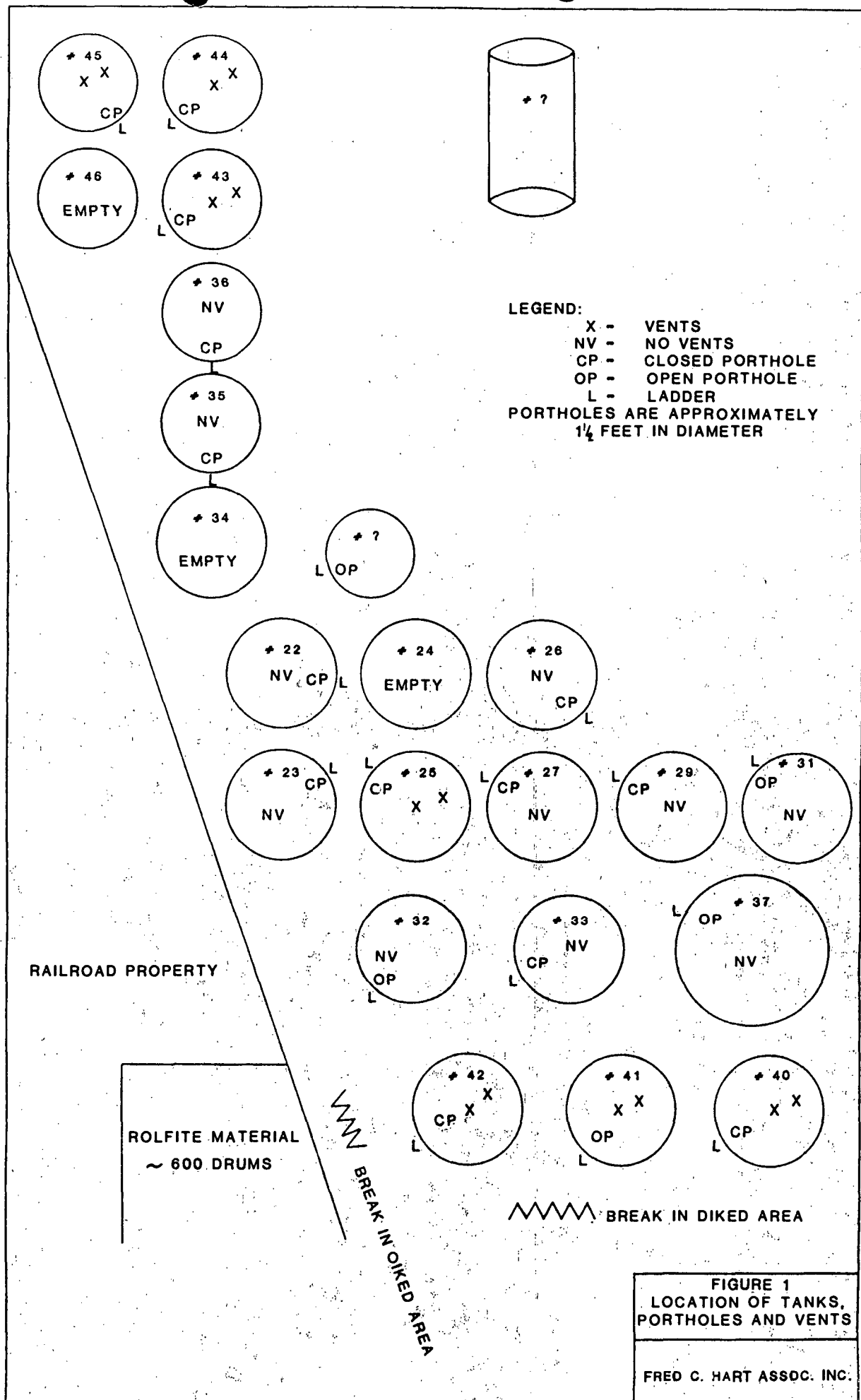


FIGURE 1
LOCATION OF TANKS,
PORTHOLES AND VENTS

FRED C. HART ASSOC. INC.

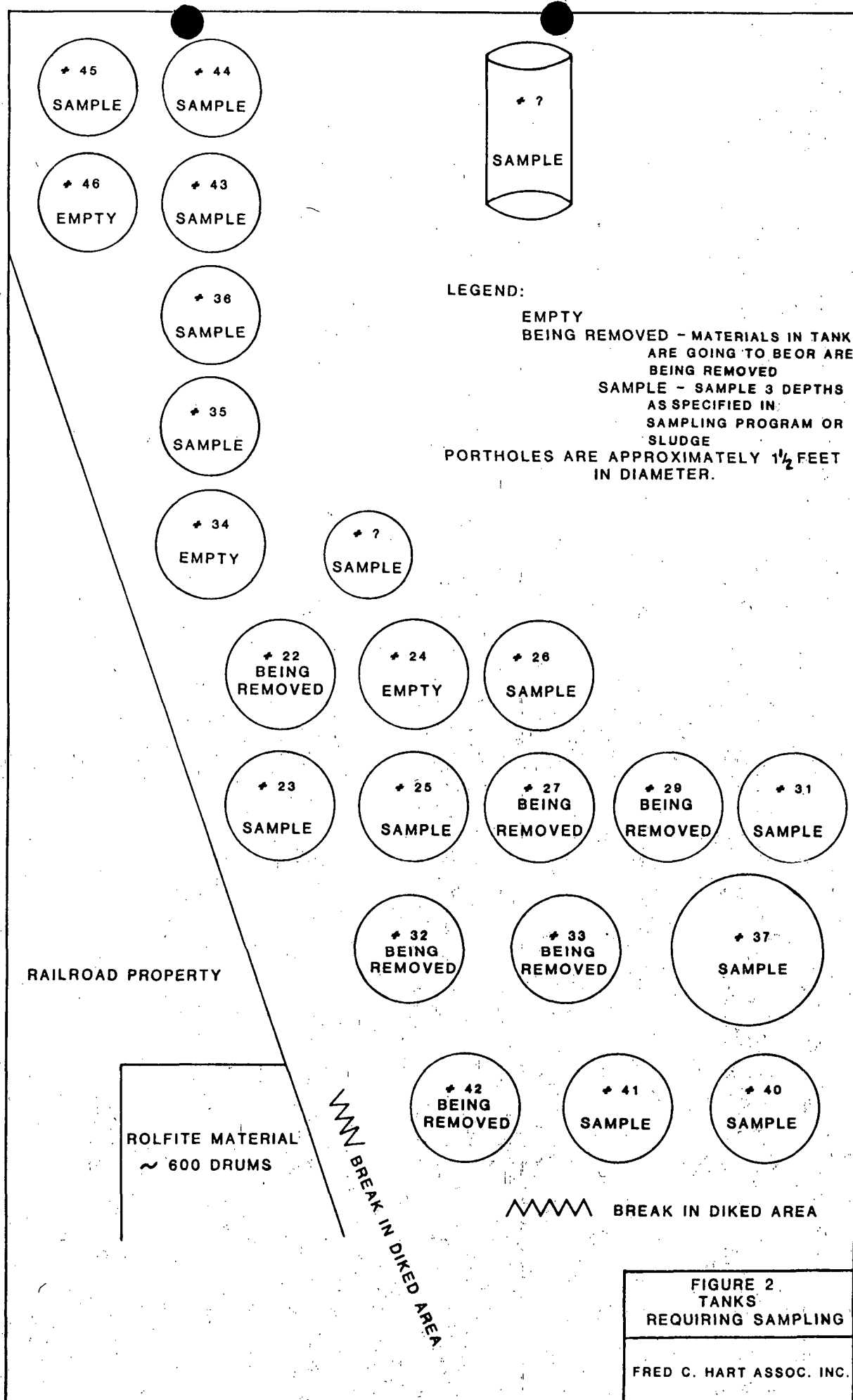


FIGURE 2
TANKS
REQUIRING SAMPLING

FRED C. HART ASSOC. INC.

EXHIBIT II
BORNE CHEMICAL COMPANY, INC.
RESULTS OF OIL ANALYSES

<u>C.C.L. CONTROL NUMBER</u>	<u>BORNE IDENTIFICATION</u>	<u>TYPE OF PCB PRESENT</u>	<u>LEVEL (PPM)</u>
80-1296	TK24 TOP	-	< 10*
80-1297	TK27 TOP	-	< 10*
80-1298**	TK32	A-1254	54,47
80-1325**	TK32, FIELD SAMPLED 9-19-80	A-1254	44,47
80-1299	TK22	-	< 10*
80-1300	TK29	A-1254	14
80-1303	TK42 TOP	A-1260	29
80-1304	TK33 TOP	A-1260 A-1254	12 18

30

* NOT FOUND, LESS THAN NUMBER SHOWN WHICH IS THE DETECTION LIMIT.

** ANALYSES ON THESE SAMPLES WERE CONDUCTED IN DUPLICATE.

SE: CASE CONSULTING LABORATORIES, INC.

✓ Sampled for removal

MATERIAL REMOVED 4/23/82

RAILROAD
PROPERTY

Rolfite
material

~600 drums

#46

#45

#30

#43

#44

#34 ✓
413 ppb
10,000 *

#35

#23
85°F
<1 ppb
2,000

#22 ✓
82°F
<10 ppm
75,000 *

#32 ✓
124°F
48 ppm
77,000 *

#25
>200°F

#24 ✓
98°F
<10 ppm
12,000 *

#42 ✓
29 ppm
23,000 *

#33 ✓
114°F
30 ppm
74,000 *

#27 ✓
180°F
<10 ppm
101,000 *

#26

#29 ✓
78°F
14 ppm
94,000 *

#28

#37
112°F

#31
182°F

#30

LEGEND:

- Tank
°F - Flash point
ppm - PCB level
or
ppb - Water
00,000 - Gallons:

Estimated By Borne
Chemical

Borne Chemical Company
Elizabeth, N.J.

Fred C. Hart Associates, Inc.

AS 2/12/82